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PTO Form 1449
INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Atty Docket No. DI-5928 (112713-457)	Application No. 10/783,446
Applicant Kelly et al.	
Filing Date December 16, 2003	Group 3736

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
✓	Re. 32,711	7/12/1988	Dickens et al.			
	2,442,938	9/13/1945	Ruge			
	3,292,077	1/02/1963	Sloughter			
	3,387,209	6/04/1968	Eames et al.			
	3,396,331	8/06/1968	Sperry, III			
	3,404,336	10/01/1968	Rosenthal			
	3,441,136	4/29/1969	Serfass et al.			
	3,461,416	8/12/1969	Kaufman			
	3,669,880	6/13/1972	Marantz et al.			
	3,726,793	4/10/1973	Bray			
	3,738,356	6/12/1973	Workman			
	3,753,493	8/21/1973	Mellor			
	3,818,765	6/25/1974	Eriksen			
	3,831,588	8/27/1974	Rinder			
	3,871,913	3/18/1975	Shaldon			
	3,920,030	11/18/1975	Mason			
	3,939,069	2/17/1976	Granger et al.			
	3,979,284	9/07/1976	Granger et al.			
	3,980,946	9/14/1976	Fleury			
	4,017,190	4/12/1977	Fischel			
	4,024,059	5/17/1977	Sausse			
	4,077,882	5/07/1978	Gangemi			
	4,085,047	4/18/1978	Thompson			
	4,087,185	5/02/1978	Lamadrid			
	4,132,644	1/02/1979	Kolberg			
	4,138,639	2/06/1979	Hutchins			
	4,166,961	9/04/1979	Dam et al.			
	4,178,240	12/11/1979	Pinkerton			
	4,204,957	5/27/1980	Weickhardt			
	4,220,920	9/02/1980	Gross			
✓	4,227,420	10/14/1980	Lamadrid			
✓	4,314,480	2/09/1982	Becker			

Examiner: *L. Smith* Date Considered: *1 Mar 06*

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
		4,324,663	4/13/1982	Hirel et al.			
		4,371,385	2/01/1983	Johnson			
		4,372,846	2/08/1983	Yamagami			
		4,379,452	4/12/1983	De Vries			
		4,398,542	8/16/1983	Cunningham et al.			
		4,399,030	8/16/1983	Hlavinka et al.			
		4,411,783	10/25/1983	Dickens et al.			
		4,412,916	11/01/1983	Kell			
		4,444,597	4/24/1984	Gortz et al.			
		4,460,355	7/17/1984	Layman			
		4,468,329	8/28/1984	Shaldon et al.			
		4,469,593	9/04/1984	Ishihara et al.			
		4,477,342	10/17/1984	Allan et al.			
		4,515,606	5/07/1985	De Winter			
		4,517,081	5/14/1985	Amiot et al.			
		4,526,574	7/02/1985	Pekkarinen			
		4,526,515	7/02/1985	De Vries			
		4,545,389	10/08/1985	Schaberg et al.			
		4,552,721	11/12/1985	Fentress et al.			
		4,572,724	2/25/1986	Rosenberg et al.			
		4,582,598	4/15/1986	Bilstad et al.			
		4,600,401	7/15/1986	Kamen			
		4,606,826	8/19/1986	Sano et al.			
		4,610,782	9/09/1986	Tersteegen et al.			
		4,650,458	3/17/1987	Dahlberg et al.			
		4,661,246	4/28/1987	Ash			
		4,670,152	6/02/1987	Leonard			
		4,676,467	6/30/1987	Palsulich			
		4,676,771	6/30/1987	Henke			
		4,676,905	6/30/1987	Nagao et al.			
		4,681,606	7/21/1987	Swan, Jr. et al.			
		4,684,460	8/04/1987	Issautier			

Examiner: <i>Logan</i>	Date Considered: <i>1 Mar 06</i>
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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
<i>JK</i>		4,690,762	9/01/1987	Katsura			
1		4,695,385	9/22/1987	Boag			
		4,702,829	10/27/1987	Polaschegg et al.			
		4,708,802	11/24/1987	Rath et al.			
		4,711,715	12/08/1987	Polaschegg			
		4,728,433	3/01/1988	Buck et al.			
		4,734,269	3/29/1988	Clarke et al.			
		4,740,755	4/26/1988	Ogawa			
		4,758,337	7/19/1988	Kohn et al.			
		4,767,399	8/30/1988	Bollish			
		4,769,132	9/06/1988	Patono			
		4,770,787	9/13/1988	Heath et al.			
		4,784,576	11/15/1988	Bloom et al.			
		4,784,495	11/15/1988	Jonsson et al.			
		4,798,090	1/17/1989	Heath et al.			
		4,825,168	4/25/1989	Ogawa et al.			
		4,834,888	5/30/1989	Polaschegg			
		4,838,865	6/13/1989	Flank et al.			
		4,844,810	7/04/1989	Richalley et al.			
		4,889,635	12/26/1989	Chevallet			
		4,919,802	4/24/1990	Katsura			
		4,923,598	5/08/1990	Schal			
		4,925,299	5/15/1990	Meisberger et al.			
		4,932,987	6/12/1990	Molina			
		4,964,984	10/23/1990	Reeder et al.			
		4,980,054	12/25/1990	Lavender			
		4,995,268	2/26/1991	Ash et al.			
		4,997,570	3/05/1991	Poleschegg			
		5,004,548	4/02/1991	Richalley et al.			
		5,032,265	7/16/1991	Jha et al.			
		5,041,215	8/20/1991	Chamberlain, Jr. et al.			
<i>JK</i>		5,045,096	9/03/1991	Quang et al.			

Examiner: <i>JK</i>	Date Considered: <i>1 May 06</i>
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U.S. PATENT DOCUMENTS							
Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate	
	5,061,236	10/29/1991	Sutherland et al.				
	5,092,836	3/03/1992	Polaschegg				
	5,110,477	5/05/1992	Howard et al.				
	5,114,580	5/19/1992	Ahmad et al.				
	5,173,125	12/22/1992	Felding				
	5,178,763	1/12/1993	Delaunay				
	5,211,849	5/18/1993	Kitavich et al.				
	5,259,961	11/09/1993	Eigendorf				
	5,331,958	7/26/1994	Oppenheimer				
	5,336,165	9/09/1994	Twardowski				
	5,344,568	9/06/1994	Kitaevich et al.				
	5,383,249	1/24/1995	Yang				
	5,392,653	2/28/1995	Zanger et al.				
	5,470,483	11/28/1995	Bene et al.				
	5,520,640	5/28/1996	Utterberg				
	5,522,998	6/04/1996	Polaschegg				
	5,529,685	6/25/1996	Irie et al.				
	5,614,677	3/25/1997	Wamsiedler et al.				
	5,660,722	8/26/1997	Nederlof				
	5,690,831	11/25/1997	Kenley et al.				
	5,702,597	12/30/1997	Chevallet et al.				
	5,776,345	7/07/1998	Trutt et al.				
	5,836,908	11/17/1998	Beden et al.				
	5,846,419	12/08/1998	Nederlof				
	5,919,369	7/06/1999	Ash				
	6,132,616	10/17/2000	Twardowski et al.				
	6,139,748	10/31/2000	Ericson et al.				
	6,254,567	7/03/2001	Treu et al.				
	6,280,632	8/18/2001	Polaschegg				
	6,287,516	9/11/2001	Matson et al.				
	6,495,366	12/17/2002	Briggs				
	6,572,576	6/03/2003	Brugger et al.				

Examiner: <i>Aspinwall</i>	Date Considered: <i>1/16/04</i>
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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
<i>JK</i>		6,582,385	6/24/2003	Burbank et al.			
<i>JK</i>		6,595,943	7/22/2003	Burbank			
		6,620,120	9/16/2003	Laundry et al.			
		6,638,477	10/28/2003	Treu et al.			
		6,649,063	11/18/2003	Brugger et al.			
		6,821,441	11/23/2004	Pedrini et al.			
		6,830,553	12/14/2004	Brubank et al.			
		6,843,779	1/18/2005	Andrysiak et al.			
		6,852,090	2/08/2005	Burbank et al.			
		2001/0021817	9/13/2001	Brugger et al.			
		2001/0037079	11/01/2001	Burbank et al.			
		2003/0018290	1/23/2003	Brugger et al.			
		2004/0233049	11/25/2004	Harada et al.			
		2004/0243046	12/02/2004	Brugger et al.			
		2004/0243050	12/02/2004	Treu et al.			
		2004/0245161	12/09/2004	Treu et al.			
		2004/0267184	12/30/2004	Burbank et al.			
		2004/0267185	12/30/2004	Weaver et al.			
		2005/0000868	1/06/2005	Weigel et al.			
<i>JK</i>		2005/0004502	1/06/2005	O'Mahony et al.			
<i>JK</i>		2005/0011823	1/20/2005	Delveno et al.			

FOREIGN PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
<i>JK</i>		EP 0 228 160 A2	9/1982	Europe			
		EP 0 189 561 A1	12/1985	Europe			
		EP 0 192 588	8/1986	Europe			
		EP 0 321 754	6/1989	Europe			
		EP 0 373 455	6/1990	Europe			
		EP 0 560 368	3/1993	Europe			
<i>JK</i>		EP 1 344 542	3/13/2003	Europe			
<i>JK</i>		EP 1433 490	12/23/2003	Europe			

Examiner:	<i>JK</i>	Date Considered:	<i>1/16/04</i>
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FOREIGN PATENT DOCUMENTS							Translation	
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Yes	No
<i>JK</i>		EP 1433 490	12/23/2003	Europe				
		2 390 173	12/1978	France				
		2 397 197	2/1979	France				
		DE 2 703 188	9/1978	Germany				
		DE 3 442 744	6/1996	Germany				
		GB 831692	1/1957	United Kingdom				
<i>JK</i>		WO 85/03879	10/1991	PCT				
<i>JK</i>		WO 91/15253	10/1991	PCT				

Examiner: <i>K. Miller</i>	Date Considered: <i>1/16/04</i>
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/738,446
Filing Date	December 16, 2003
First Named Inventor	T. Kelly, et al.
Art Unit	3736
Examiner Name	Unknown
Attorney Docket Number	DI-5928 (112713-457)

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ⁴ Kind Code ³ (if known)				
SA	A2	WO 2001/32238 A2	05-10-2001	INFOMED S.A.		
CG	A3	DE 10210179 C1	08-07-2003	FRESENIUS MEDICAL		
BB	A4	EP 1175917 A1	01-30-2002	FRESENIUS MEDICAL		
BB	A5	WO 2004/069311 A1	08-19-2004	GAMBRO LUNDIA AB		

Examiner
Signature

Date
Considered

1 May 05

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